Carrier

DUCT-FREE SYSTEMS

EXPRESSIONS

COOLING AND HEATING SOLUTIONS

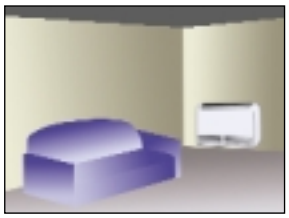
GET THE VERSATILITY OF WALL OR CEILING INSTALLATION WITH THESE NEW SYSTEMS.

EXPRESSIONS

THE ULTIMATE EXPRESSION OF FLEXIBILITY, EFFICIENCY AND COMFORT.

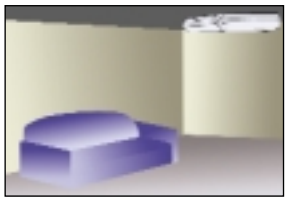
Start saving money and energy now.

New Carrier Expressions duct-free systems make it easier and more economical than ever to achieve total comfort. Cooling and heating can be controlled to deliver comfort only where you need it, when you need it, for excellent energy savings.



Installs on the wall near floor level

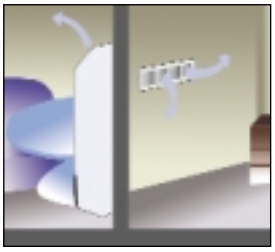
These slim, attractive fan coils may be used in places where ductwork is undesirable or impossible, and mount unobtrusively on the wall or ceiling.



Installs on the ceiling to save space

During off hours, you can shut down unneeded systems, and just heat or cool your home office, exercise room, kitchen or wherever you spend the most time. The result is complete personal comfort control, with significant energy and cost savings.

REVOLUTIONARY TWO-WAY DESIGN DOUBLES YOUR COMFORT.



Expressions lets you heat or cool two rooms at once.

Each unit not only cools or heats the room in which it is positioned, but can also simultaneously bring comfort to an adjacent room, using the optional register connection. It's like getting two air conditioners in one, with a single installation, at a single affordable price.

What's more, Expressions units are designed to distribute air evenly, eliminating hot spots and cold spots. Operation is quiet and reliable, even when outdoor temperatures drop to 25°F/–4°C.

THE IDEAL WAY TO DELIVER PINPOINT COMFORT CONTROL.

Expressions heat/cool units are perfectly suited for use in your home's specialty rooms, which are often unoccupied and usually not conditioned properly. Such areas include:

- Play rooms
- Exercise rooms
- Home theaters
- Workshops
- Additions
- Bonus rooms
- Home offices
- Hotel rooms
- Extended care facilities

Expressions outdoor condensing units are available in single or multi-zone configurations.

Multi-zone

Single-zone

LOADED WITH BENEFITS YOU'LL APPRECIATE.

Every time you use your Expressions unit, you'll be glad it's there. Here are a few of the reasons why:

- Easy operation, simple installation and maintenance
- Elegant styling to complement any decor
- Whisper-quiet operation, even when in turbo mode
- Simultaneous two-room cooling and heating; when used as a console, second room needs only a register
- Smooth, consistent air distribution
- Fresh air intake when mounted on exterior wall
- Automatic, microprocessor controlled operation for maximum comfort
- "Hot starting" of heater fan, to prevent cold-air flow upon start-up
- Optional backup electric heater on heat pump models
- Several capacities to choose from

SMART REMOTE DOES THE THINKING FOR YOU.

Our state-of-the-art infrared remote control "talks" to the Expressions unit to help ensure your comfort. Look at all the advantages:

- Clear layout, easy-to-read digital LCD display
- Auto Sense temperature control helps the unit monitor heating/cooling requirements wherever you are
- Effective dehumidification
- Clock function allows daily programming
- Sleep mode capabilities
- Ergonomically designed for easy handling

Safety and durability are built in, of course. Expressions units include a number of design features to ensure long life and secure operation. These include:

- Protection from damage caused by voltage spikes and dips
- Automatic restart after power failure
- High & low pressure control/refrigerant level indicator
- Filter check control
- Self-diagnostics and malfunction indicators for easy service

NEW EXPRESSIONS WILL MAKE YOU SMILE.

America's most elegant residences and businesses are turning to the versatile, flexible comfort offered by these exciting new Carrier duct-free systems.

Choose a room, and experience the complete comfort and energy savings of Carrier Expressions.

Carrier®

CARRIER EXPRESSIONS FAN COILS

Performance, Physical Data and Unit Specifications

COOLING ONLY CONSOLE & UNDER CEILING

NOMINAL CAPACITY TONS	INDOOR UNIT	OUTDOOR UNIT	ARI CAPACITIES		ARI CFM	SEER	HSPF	SOUND RATING (dBa)			
			C/O Btuh	H/P Btuh				INDOOR POWER	INDOOR PRESSURE	OUTDOOR POWER	OUTDOOR PRESSURE
1.5	40CG-018---301RM	38CG-018---301	18,000	-	650	10.0	-	-	38.0	-	49.0
2.0	40CG-024---301RM	38CG-024---301	23,400	-	800	10.0	-	-	40.0	-	49.0
2.5	40CG-030---301RM	38CG-030---301	30,000	-	800	10.0	-	-	40.0	-	49.0

COOLING ONLY CONSOLE & UNDER CEILING MULTI SPLIT

NOMINAL CAPACITY TONS	INDOOR UNIT TWO SECTIONS	OUTDOOR UNIT ONE SECTION	ARI CAPACITIES		ARI CFM	SEER	HSPF	SOUND RATING (dBa)			
			C/O Btuh	H/P Btuh				INDOOR POWER	INDOOR PRESSURE	OUTDOOR POWER	OUTDOOR PRESSURE
2.5	40CG-030---301RM	38SC-030---301	30,000	-	800	10.0	-	-	40.0	-	51.0

HEAT PUMP CONSOLE & UNDER CEILING

NOMINAL CAPACITY TONS	INDOOR UNIT	OUTDOOR UNIT	ARI CAPACITIES		ARI CFM	SEER	HSPF	SOUND RATING (dBa)			
			C/O Btuh	H/P Btuh				INDOOR POWER	INDOOR PRESSURE	OUTDOOR POWER	OUTDOOR PRESSURE
1.5	40CS-018---301RM	38CS-018---301	18,000	18,000	650	10.0	6.8	-	38.0	-	49.0
2.0	40CS-024---301RM	38CS-024---301	23,400	24,000	800	10.0	6.9	-	40.0	-	49.0
2.5	40CS-030---301RM	38CS-030---301	30,000	31,000	800	10.0	6.8	-	40.0	-	49.0

HEAT PUMP CONSOLE & UNDER CEILING MULTI SPLIT

NOMINAL CAPACITY TONS	INDOOR UNIT TWO SECTIONS	OUTDOOR UNIT ONE SECTION	ARI CAPACITIES		ARI CFM	SEER	HSPF	SOUND RATING (dBa)			
			C/O Btuh	H/P Btuh				INDOOR POWER	INDOOR PRESSURE	OUTDOOR POWER	OUTDOOR PRESSURE
2.5	40CS-030---301RM	38SB-030---301	30,000	31,000	800	10.0	6.8	-	40.0	-	51.0

UNIT SPECIFICATIONS

MODEL	VOLTAGE	MCA	MOCP	VERT LIFT (NOTE #1)	VERT DROP (NOTE #1)	MAX TUBE LGTH	TUBE CONNECTIONS		DIMENSIONS			WEIGHT (LBS)
							LIQUID	VAPOR	WIDTH	HEIGHT	DEPTH	
40CG-018---301RM	208/230-1-60	0.8	15	-	-	-	-	-	39.38	24.0	8.88	66
40CG-024---301RM	208/230-1-60	0.8	15	-	-	-	-	-	47.25	24.0	8.88	77
40CG-030---301RM	208/230-1-60	0.8	15	-	-	-	-	-	47.25	24.0	8.88	77
40CS-018---301RM	208/230-1-60	11.5	20	-	-	-	-	-	39.38	24.0	8.88	66
40CS-024---301RM	208/230-1-60	17	30	-	-	-	-	-	47.25	24.0	8.88	77
40CS-030---301RMs	208/230-1-60	17	30	-	-	-	-	-	47.25	24.0	8.88	77
38CG-018---301	208/230-1-60	11.4	15	49	49	98	1/4 od	1/2 od	35.44	25.18	9.88	143
38CG-024---301	208/230-1-60	14.1	20	66	66	131	3/8 od	5/8 od	35.44	25.18	9.88	143
38CG-030---301	208/230-1-60	19.8	30	33	33	98	3/8 od	5/8 od	43.31	25.18	12.63	165
38CS-018---301	208/230-1-60	22.1	25	49	49	98	1/4 od	1/2 od	35.44	25.18	9.88	143
38CS-024---301	208/230-1-60	30.4	35	66	66	131	3/8 od	5/8 od	35.44	25.18	9.88	143
38CS-030---301	208/230-1-60	36.1	40	33	33	98	3/8 od	5/8 od	43.31	25.18	12.63	165
38SC-030---301	208/230-1-60	36.1*	30*	33	33	98	3/8 od	5/8 od	43.31	48.81	12.63	330
38SB-030---301	208/230-1-60	19.8*	40*	33	33	98	3/8 od	5/8 od	43.31	48.81	12.63	330

Notes

1) Vert Lift is Fan Coil above Condenser. Vert Drop is Fan Coil below Condenser.

Legend

MCA – Minimum Circuit Amps
MOCP – Maximum Overcurrent Protection Amps
* – Each Circuit, Two Circuits Required
CFM - Cubic Feet per Minute
HSPF - Heating Seasonal Performance Factor
SEER - Seasonal Energy Efficiency Rating
C/O - Cooling Only
H/P - Heat Pump

Carrier

www.carrier.com

A member of the United Technologies Corporation family.
Stock Symbol UTX.

© Carrier Corporation 2001

Before purchasing this appliance, please read the important energy cost and efficiency information available from your dealer.
Preliminary Release.

Due to Carrier's commitment to continuous improvement, manufacturer reserves the right to discontinue or change at any time, specifications or designs without notice or without incurring obligations.

c UL us

Always look for these symbols, the air conditioning industry seals of certified performance, efficiency and capacity.

PRINTED ON RECYCLED PAPER